

## Calculations in Year Two

## Applying number facts

$\underbrace{3+15+3}=21$
I know that double 3 is 6 and I can then count on 6 more from 15 . I know that $15+5$ makes 20 so $15+6$ must be 21 .
$4+5+6=15$

I know that $4+6$ makes ten and then 5 more is 15

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                            If I known.n..? What elve do I known.m?
For example;
If I know 3+7=10
I also know...
30+70=100 13+7=20 10-3=7 100-30=70
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If you know $6+4=10$

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I als.o kת.ow... 4Y6 =10
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60+40=100 10-b=4
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60+40=100 10-b=4
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## Addition

$69+10=$

I know that when I add ten the numeral in tens column changes by one ten.


I can partition (split) a number into tens and units and then re-group and add them together.
$37+23=$

$\qquad$ $+5=8$

I could find the answer to ' $8-5$ ' to help me find the missing number
$51+$ $\qquad$ $=70$
$51+19=70$

$84+37=$


## Subtraction

18-8 =
I know that if I takeaway eight ten will be left over.

17-6 =
I know that I can takeaway six from the seven in seventeen which would leave eleven leftover.
$67-40=$


I can draw tens and units/ones to takeaway.
$81-23=$


I need to exchange one of my tens for ten units/ones so that I can take away.


60 - $\qquad$
I could take twenty away from 60 and use the inverse to find the answer.

## Multiplication

I know that the multiplication sign also means times and 'lots of'.


## Counting in Year Two

I should know how to...

- count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
- count, read and write numbers to 100 in numerals
- count in $2 s, 5 s$ and 10 s from different multiples to develop recognition of patterns in the number system (for example, odd and even numbers
I am learning to...
- count in steps of 2, 3, and 5 from 0, and in 10 s from any number, forward and backward to at least 100: develop further recognition of number patterns
- count in multiples of 3 to support later understanding of a third
- count using the context of money
- count using the context of time
- count using the context of length, mass and capacity
- count in fractions (halves, quarters and thirds) up to 10 , starting from any number and using the $1 / 2$ and $2 / 4$ equivalence on the number line (for example, $1 \frac{1}{4}, 1 \frac{1}{2}, 1 \frac{3}{4}, 2$ ).

